

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for analyzing a product for safety in view of a safety incident associated with the product, said method comprising:

a) comparing the safety incident to a plurality of previously analyzed safety incidents stored in safety documentation for the product and selecting one of said previously analyzed safety incidents based on the comparison;

b) conducting ~~[[an]]~~current accident scenario review (ASR) of the safety incident using an existing ASR template previously developed for the selected ~~stored~~previously analyzed safety incidence;

c) tailoring the existing ASR template to reflect the current ASR conducted for the safety incident;

d) based on the current ASR~~accident scenario review~~, identifying at least one corrective action ~~which avoids~~to avoid or ~~mitigates~~mitigate future occurrences of the safety incident, and

e) updating the safety documentation to include the tailored ASR and the identified at least one corrective action ~~template developed~~ for the safety incident.

2. (Original) A method for analyzing a product for safety as in claim 1 wherein the safety incident is an accident which occurred during use of the product in fleet operation.

3. (Original) A method for analyzing a product for safety as in claim 1 wherein the safety incident is a potential accident scenario identified during use of the product.

4. (Original) A method for analyzing a product for safety as in claim 1 further comprising determining that the safety incident has a severity level above a threshold severity level before proceeding to step (a).

5. (Original) A method for analyzing a product for safety as in claim 1 wherein said ASR includes constructing an accident scenario model of the safety incident and said model is based on the tailored ASR template.

6. (Original) A method for analyzing a product for safety as in claim 1 wherein said ASR identifies at least one causation for the safety incident and said at least one corrective action is intended to prevent a future occurrence of the causation.

7. (Previously Presented) A method for analyzing a product for safety as in claim 1 wherein said documentation further comprises a database of analyzed safety incidents and corresponding ASR template.

8. (Original) A method for analyzing a product for safety as in claim 1 wherein step (c) includes creating an original ASR using the modified ASR template.

9. (Currently Amended) A method for analyzing a product for safety in view of a safety incident associated with the product, said method comprising:

- a) record the safety incident in safety documentation for the product;
- b) determining whether the safety incident has a severity level above a threshold severity level before proceeding to step (c);

- c) comparing the safety incident to a plurality of previously analyzed safety incidents stored in the safety documentation and selecting one of said previously analyzed safety incidents based on the comparison;
- d) developing an accident scenario model of the safety incident using as a template an existing accident scenario model developed for the selected previously analyzed safety incidence;
- e) identifying at least one corrective action ~~which avoids the causation to avoid or mitigate future occurrences~~ of the safety incident, and
- f) updating the safety documentation to include the accident scenario model ~~developed for the safety incident and at least one corrective action for the safety incident.~~

10. (Original) A method for analyzing a product for safety as in claim 9 wherein the safety incident is an accident which occurred during use of the product in fleet operation.

11. (Original) A method for analyzing a product for safety as in claim 9 wherein the safety incident is a potential accident scenario identified during use of the product.

12. (Original) A method for analyzing a product for safety as in claim 9 further comprising determining that the safety incident has a severity level above a threshold severity level before proceeding to step (a).

13. (Original) A method for analyzing a product for safety as in claim 9 wherein said ASR includes constructing an accident scenario model of the safety incident and said model is based on the tailored ASR template.

14. (Original) A method for analyzing a product for safety as in claim 9 wherein said ASR identifies at least one causation for the safety incident and said at least one corrective action is intended to prevent a future occurrence of the causation.

15. (Previously Presented) A method for analyzing a product for safety as in claim 9 wherein said documentation further comprises a database of analyzed safety incidents and corresponding ASR template.

16. (Original) A method for analyzing a product for safety as in claim 1 wherein step (c) includes creating an original ASR using the modified ASR template.